

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

9301-235-999

APPLICATION NO.

10/813,506

APPLICANT

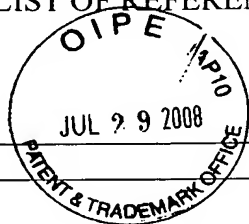
Shoemaker et al.

FILING DATE

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1637



U.S. PATENT DOCUMENTS

| *Examiner Initial | Cite No. | Document Number | Publication Date mm/dd/yy | Name Of Patentee Or Applicant Of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
|-------------------|----------|-----------------|---------------------------|---|---|
| | A50 | 60/227,966 | 08/25/00 | Shoemaker et al. | |
| | A51 | 60/227,902 | 08/25/00 | Shoemaker et al. | |
| | A52 | 60/154,563 | 09/17/99 | Burchard | |
| | A53 | 60/090,046 | 06/19/98 | Friend and Stoughton | |
| | A54 | 60/084,742 | 05/08/98 | Friend and Stoughton | |
| | A55 | 09/364,751 | 07/30/99 | Friend et al. | |
| | A56 | 09/724,538 | 11/28/00 | Shoemaker et al. | |
| | A57 | 2004/0191828 | 09/30/04 | Schweighoffer et al. | |
| | A58 | 2003/0165931 | 09/04/03 | Tocque et al. | |
| | A59 | 4,946,778 | 08/07/90 | Ladner et al. | |
| | A60 | 5,262,311 | 11/16/93 | Pardee et al. | |
| | A61 | 5,593,839 | 01/14/97 | Hubbell et al. | |
| | A62 | 5,811,234 | 09/22/98 | Roninson et al. | |
| | A63 | 5,817,461 | 10/06/98 | Austin et al. | |
| | A64 | 6,027,890 | 02/22/00 | Ness et al. | |
| | A65 | 6,027,980 | 02/22/00 | Ness et al. | |
| | A66 | 6,110,711 | 08/29/01 | Serafini et al. | |
| | A67 | 6,132,997 | 10/17/00 | Shannon | |
| | A68 | 6,146,593 | 11/14/00 | Pinkel et al. | |
| | A69 | 6,165,709 | 12/26/00 | Friend et al. | |
| | A70 | 6,171,798 | 01/09/01 | Levine et al. | |
| | A71 | 6,251,590 | 06/26/01 | Schweighoffer et al. | |
| | A72 | 6,355,431 | 03/12/02 | Chee et al. | |
| | A73 | 6,713,257 | 03/30/04 | Shoemaker et al. | |
| | A74 | 6,881,571 | 04/19/05 | Schweighoffer et al. | |
| | A75 | 7,130,746 | 10/31/06 | Friend et al. | |
| | A76 | 7,371,516 | 05/13/08 | Burchard | |

EXAMINER
NYI-4099222v3

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|-------------------------------|-----------------|
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. | APPLICATION NO. |
| | 9301-235-999 | 10/813,506 |
| | APPLICANT Shoemaker et al. | |
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| | March 29, 2004 | 1637 |

FOREIGN PATENT DOCUMENTS

| | Cite No. | Foreign Patent Document Country Code, Number, Kind Code (If Known) | Publication Date mm/dd/yy | Name Of Patentee Or Applicant Of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T |
|--|----------|--|---------------------------------|--|--|---|
| | B32 | EP 1 006 181 | 06/07/00 | Affymetrix, Inc. | | |
| | B33 | WO 88/09810 | 12/15/88 | Synthetic Genetics | | |
| | B34 | WO 90/11364 | 10/04/90 | University Patients, Inc. | | |
| | B35 | WO 98/38329 | 09/03/08 | Fred Hutchinson Cancer Research Center | | |
| | B36 | WO 98/41531 | 09/24/98 | University of Washington | | |
| | B37 | WO 99/11820 | 03/11/99 | Isis Pharmaceuticals, Inc. | | |
| | B38 | WO 99/15701 | 04/01/99 | Oncormed, Inc. | | |
| | B39 | WO 99/64630 | 12/16/99 | Axys Pharmaceuticals, Inc. | | |
| | B40 | WO 00/08157 | 02/17/00 | Axys Pharmaceuticals, Inc. | | |
| | B41 | WO 00/34652 | 06/15/00 | Thilly, William G. | | |
| | B42 | WO 00/62827 | 10/26/00 | Cohesion Technologies, Inc. | | |
| | B43 | WO 01/02839 | 01/11/01 | Novartis AG | | |
| | B44 | WO 01/04352 | 01/18/01 | Miserez, Andre R. | | |
| | B45 | WO 02/016650 | 02/28/02 | Rosetta Inpharmatics, Inc. | | |
| | B46 | WO 02/018646 | 03/07/02 | Rosetta Inpharmatics, Inc. | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | | (Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published) | T |
|----------------------|------|---|---|
| | C99 | ALPHEY et al., 1997, "PCR-based method for isolation of full-length clones and splice variants from cDNA libraries," Biotechniques 22:481-486 | |
| | C100 | ALTSCHUL et al., 1997, "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," Nucl. Acids Res. 25:3389-3402 | |
| | C101 | ANDERSON et al., 1994, "Involvement of the Protein Tyrosine Kinase p56 ^{lck} in T Cell Signaling and Thymocyte Development," Adv. Immunol. 56:151-178 | |
| | C102 | ATCC CCL-243 (printed from http://phase.atcc.org on 07/03/00) | |
| | C103 | ATCC TIB-152 (printed from http://phase.atcc.org on 07/03/00) | |
| | C104 | BASS et al., 2000, "Double-stranded RNA as a template for gene silencing," Cell 101:235-238 | |
| | C105 | BELSHAW et al., 1995, "Controlling protein association and subcellular localization with a synthetic ligand that induces heterodimerization of proteins," Proc. Natl. Acad. Sci. 93:4604-4607 | |
| | C106 | BERNOIST & CHAMBON, 1981, "In vivo sequence requirements of the SV40 early promoter region," Nature 290:304-310 | |
| | C107 | BIOCCA & CATTANEO, 1995, "Intracellular immunization: antibody targeting to subcellular compartments," Trends Cell. Biol. 5:248-252 | |
| | C108 | BLANCHARD et al., 1996, "High density oligonucleotide arrays." Biosensors and Bioelectronics 11:687-690 | |

EXAMINER
NYI-4099222v3

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|-------------------|------|---|---|
| | C109 | BOGUSKI & SCHULER et al., 1995, "ESTablishing a human transcript map," Nat. Gen. 10:369-371 | |
| | C110 | BRADBURY et al., 1995, "The cloning of hybridoma V regions for their ectopic expression in intracellular and intercellular immunization," in Antibody Engineering, IRL Press 2:295-361 | |
| | C111 | BRINSTER et al., 1982, "Regulation of metallothionein--thymidine kinase fusion plasmids injected into mouse eggs," Nature 296:39-42 | |
| | C112 | BRUNEL, 1998, "Mutual Information, Fisher Information and Population Coding," Neural Computation 10(7):1731-1757 | |
| | C113 | BURKE et al., 1984, "Microinjection of mRNA coding for an anti-Golgi antibody inhibits intracellular transport of a viral membrane protein," Cell 36:847-856 | |
| | C114 | BURNS et al., 1989, "Calcium channel activity of purified human synexin and structure of the human synexin gene," Proc. Natl. Acad. Sci. 85:3798-3802 | |
| | C115 | BUSSEY et al., 1995, "The nucleotide sequence of chromosome I from Saccharomyces cerevisiae," Proc. Natl. Acad. Sci. 92:3809-3813 | |
| | C116 | BUSTIN, 2000, "Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays," J. Mol. Endocrinology 25:169-193 | |
| | C117 | CECH et al., 1987, "The chemistry of self-splicing RNA and RNA enzymes," Science 236:1532-1539 | |
| | C118 | CHEE et al., 1996, "Accessing genetic information with high-density DNA arrays," Science 274:610-614 | |
| | C119 | CLAVERIE, 1996, "Effective large-scale sequence similarity searches," Meth. Enzymol. 266:212-227 | |
| | C120 | CLAVERIE, 1997, "Computational methods for the identification of genes in vertebrate genome sequences," Human Molec. Genetics. 6(10):1735-1744 | |
| | C121 | COLE et al., 1985, "The Eb-V hybridoma technique and it's application to human lung cancer." Monoclonal Antibodies and Cancer Therapy (Alan R. Liss Inc.), pp. 77-96 | |
| | C122 | COTTEN & BIRNSTIEL, 1989, "Ribozyme mediated destruction of RNA in vivo," EMBO J. 8:3861-3866 | |
| | C123 | CROFT et al., 2000, "ISIS, the intron information system, reveals the high frequency of alternative splicing in the human genome," Nat. Genetics 24: 340-341 | |
| | C124 | CROLLIUS et al., 2000, "Estimate of human gene number provided by genome-wide analysis using Tetraodon nigroviridis DNA sequence," Nat. Genetics 25:235-238 | |
| | C125 | CROOK et al., 1998, "A variant of Alzheimer's disease with spastic paraparesis and unusual plaques due to deletion of exon 9 of presenilin 1," Nat. Med. 4:452-455 | |
| | C126 | DENNIS, 2001, "Tiled arrays for gene hunting," Nature Reviews 2:161 | |
| | C127 | DOHMEN et al., 1994, "Heat-inducible degron: a method for constructing temperature-sensitive mutants," Science 263:1273-1276 | |
| | C128 | DRALYUK et al., 2000, "ASDB: database of alternatively spliced genes," Nucl. Acids. Res. 28(1):296-297 | |
| | C129 | DUJON et al., 1994, "Complete DNA sequence of yeast chromosome XI," Nature 369:371-378 | |
| | C130 | FEI et al., 1997, "Anatomic localization of alternatively spliced leptin receptors (Ob-R) in mouse brain and other tissues," Proc. Natl. Acad. Sci. 94:7001-7005 | |
| | C131 | FELDMAN et al., 1994, "Complete DNA sequence of yeast chromosome II," EMBO J. 13:5795-5809 | |
| | C132 | FLOREA et al., 1998, "A computer program for aligning a cDNA sequence with a genomic DNA sequence," Genome Res. 8:967-974 | |
| | C133 | GALIBERT et al., 1996, "Complete nucleotide sequence of Saccharomyces cerevisiae chromosome X," | |

EXAMINER
NY1-4099222v3

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|-------------------------------|-----------------|
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| | 9301-235-999 | 10/813,506 |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | | (Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published) | T |
|-------------------|------|---|---|
| | | EMBO J. 15:2031-2049 | |
| | C134 | GARI et al., 1997, "A set of vectors with a tetracycline-regulatable promoter system for modulated gene expression in <i>Saccharomyces cerevisiae</i> ," <i>Yeast</i> 13:837-848 | |
| | C135 | GAUTIER et al., 1987, "Alpha-DNA. IV: Alpha-anomeric and beta-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding," <i>Nucl. Acids. Res.</i> 15:6625-6641 | |
| | C136 | GELFAND, 1990, "Computer prediction of the exon-intron structure of mammalian pre-mRNAs," <i>Nucl. Acids Res.</i> 18:5865-5869 | |
| | C137 | GELFAND, 1993, "Prediction of the exon-intron structure by a dynamic programming approach," <i>Biosystems</i> 30:173-182 | |
| | C138 | GIBSON, 1996, "Antisense approaches to the gene therapy of cancer--'Recnac'," <i>Cancer and Metastasis Rev.</i> 15:287-299 | |
| | C139 | GOOD et al., 1997, "Expression of small, therapeutic RNAs in human cell nuclei," <i>Gene Ther.</i> 4:45-54 | |
| | C140 | GOSSEN et al., 1992, "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters," <i>Proc. Natl. Acad. Sci.</i> 89:5547-5551 | |
| | C141 | GRANT, 1999, "Dissecting the mechanisms of posttranscriptional gene silencing: divide and conquer," <i>Cell</i> 96:303-306 | |
| | C142 | GRASSI & MARINI, 1996, "Ribozymes: structure, function, and potential therapy for dominant genetic disorders," <i>Ann. Med.</i> 28:499-510 | |
| | C143 | GRIFFITS et al., 1994, "Isolation of high affinity human antibodies directly from large synthetic repertoires," <i>EMBO J.</i> 13:3245-3260 | |
| | C144 | GUO et al., 1994, "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports," <i>Nucl. Acids Res.</i> 22:5456-5465 | |
| | C145 | GUO et al., 1995, "par-1, a gene required for establishing polarity in <i>C. elegans</i> embryos, encodes a putative Ser/Thr kinase that is asymmetrically distributed," <i>Cell</i> 81:611-620 | |
| | C146 | GUO, 1996, Dissertation, University of Wisconsin | |
| | C147 | HACIA et al., 1996, "Detection of heterozygous mutations in BRCA1 using high density oligonucleotide arrays and two-colour fluorescence analysis," <i>Nat. Genet.</i> 14: 441-447 | |
| | C148 | HACIA et al., 1998, "Enhanced high density oligonucleotide array-based sequence analysis using modified nucleoside triphosphates," <i>Nucl. Acids Res.</i> 26:4975-4982 | |
| | C149 | HANKE, 1996, "Discovery of a novel, potent, and Src family-selective tyrosine kinase inhibitor. Study of Lck- and FynT-dependent T cell activation," <i>J. Biol. Chem.</i> 271: 695-701 | |
| | C150 | HASELOFF & GERLACH, 1988, "Simple RNA enzymes with new and highly specific endoribonuclease activities," <i>Nature</i> 334:585-591 | |
| | C151 | HAYDEN et al., 1997, "Antibody engineering," <i>Curr. Opin. Immunol.</i> 9:201-212 | |
| | C152 | HERSHKOWITZ, 1987, "Functional inactivation of genes by dominant negative mutations," <i>Nature</i> 329:219-222 | |
| | C153 | HOFFMAN et al., 1996, "Rapid retroviral delivery of tetracycline-inducible genes in a single autoregulatory cassette," <i>Proc. Natl. Acad. Sci.</i> 93:5185-5190 | |
| | C154 | HOFFMAN et al., 1997, "A novel tetracycline-dependent expression vector with low basal expression and potent regulatory properties in various mammalian cell lines," <i>Nucl. Acids. Res.</i> 25:1078-1079 | |
| | C155 | HONG et al., 2000, "Profiling the downstream genes of tumor suppressor PTEN in lung cancer cells by complementary DNA microarray," <i>Amer. J. Resp. Cell & Mol. Biol.</i> 23:355-63 | |

EXAMINER
NYI-4099222v3

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|---|---|--------------------------------------|
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | | (Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published) | T |
|-------------------|------|---|---|
| | C156 | http://ftp.genome.washington.edu/cgi-bin/RepeatMasker | |
| | C157 | HU et al., 2001, "Predicting Splice Variant from DNA Chip Expression Data," Genome Res. 11:1237-1245 | |
| | C158 | HUSE et al., 1989, "Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda," Science 246:1275-1281 | |
| | C159 | HYNDMAN et al., 1996, "Software to Determine Optimal Oligonucleotide Sequences Based on Hybridization Simulation Data," Biotechniques 20:1090-1097 | |
| | C160 | INOUE et al., 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H," FEBS Lett. 215:327-330 | |
| | C161 | INOUE et al., 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides," Nucl. Acids Res. 15:6131-6148 | |
| | C162 | INTERNATIONAL PRELIMINARY EXAMINATION Report of International Application PCT/US01/26274, dated November 13, 2003 | |
| | C163 | INTERNATIONAL PRELIMINARY EXAMINATION Report of International Application PCT/US01/26541, dated July 17, 2006 | |
| | C164 | INTERNATIONAL SEARCH REPORT of International Application PCT/US01/26274, dated January 13, 2003 | |
| | C165 | INTERNATIONAL SEARCH REPORT of International Application PCT/US01/26541, dated December 18, 2002 | |
| | C166 | JIANG et al., 1999, "Alternative Splicing and Programmed Cell Death," Proc. Soc. Exp. Bio. Med. 220:64-72 | |
| | C167 | JOHNSTON et al., 1984, "Sequences that regulate the divergent GAL1-GAL10 promoter in Saccharomyces cerevisiae," Mol. Cell. Biol. 4(8):1440-1448 | |
| | C168 | JOHNSTON et al., 1994, "Complete nucleotide sequence of Saccharomyces cerevisiae chromosome VIII," Science 265:2077-2082 | |
| | C169 | KAFERT et al., 1999, "Differential quantitation of alternatively spliced messenger RNAs using isoform-specific real-time RT-PCR," Anal. Biochem. 269:210-213 | |
| | C170 | KERJAN et al., 1986, "Nucleotide sequence of the Saccharomyces cerevisiae MET25 gene," Nucl. Acids Res. 14:7861-7871 | |
| | C171 | KHRAPKO et al. 1991, "Hybridization of DNA with oligonucleotides immobilized in gel: A convenient method for detecting single base substitutions." Molecular Biology 25:581-591 | |
| | C172 | KHRAPKO et al., 1991, "A method for DNA sequencing by hybridization and oligonucleotide matrix." J. DNA Sequencing and Mapping 1:375-388 | |
| | C173 | KHRAPKO et al., 1999, Poster Abstract, Chips to Hits '99 Conference, November 2-5, 1999 | |
| | C174 | KHRAPKO, 1999, "Harvard Nathan Shock Center: High Throughput Technology Core," http://www.hms.harvard.edu/aging/nathan/high.html | |
| | C175 | KO et al., 1993, "Roles of multiple glucose transporters in Saccharomyces cerevisiae," Mol. Cell. Biol. 13:638-648 | |
| | C176 | KOHLER & MILSTEIN, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature 256:495-497 | |
| | C177 | KOIZUMI et al., 1988, "Construction of a series of several self-cleaving RNA duplexes using synthetic 21-mers," FEBS Lett. 228:228-230 | |
| | C178 | KOIZUMI et al., 1988, "Cleavage of specific sites of RNA by designed ribozymes," FEBS Lett. 239:285-288 | |
| | C179 | KOZBOR & RODER, 1983, "The production of monoclonal antibodies from human lymphocytes," Immunol. | |

EXAMINER
 NYI-4099222v3

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|-------------------|------|---|---|
| | | Today 4:72-79 | |
| | C180 | KRAUS et al., 1997, "High-resolution comparative hybridization to combed DNA fibers," Human Genetics 99:374-380 | |
| | C181 | KRICKA, 1992, <u>Nonisotopic DNA Probe Techniques</u> , Academic Press, San Diego, CA | |
| | C182 | LEMAITRE et al., 1987, "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site," Proc. Natl. Acad. Sci. 84:648-652 | |
| | C183 | LESTINGER et al., 1989, "Cholesteryl-conjugated oligonucleotides: synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture," Proc. Natl. Acad. Sci. 86:6553-6556 | |
| | C184 | LODISH et al., 1995, <u>Molecular Biology of the Cell</u> , W.H. Freeman and Co., New York, Chapter 8 | |
| | C185 | LOLLMANN et al., 1997, "Detection and quantification of the leptin receptor splice variants Ob-Ra, b, and e in different mouse tissues," Biochem. Biophys. Res. Comm. 238:648-652 | |
| | C186 | MARKS et al., 1992, "Molecular evolution of proteins on filamentous phage. Mimicking the strategy of the immune system," J. Biol. Chem. 267:16007-16010 | |
| | C187 | MARTELL et al., 1999, "High-throughput real-time reverse transcription-PCR quantitation of hepatitis C virus RNA," J. Clin. Micro. 37:327-332 | |
| | C188 | MARTON et al., 1998, "Drug target validation and identification of secondary drug target effects using DNA microarrays," Nat Med. 4(11):1293-1301 | |
| | C189 | MASCORRO-GALLARDO et al., 1996, "Construction of a CUP1 promoter-based vector to modulate gene expression in <i>Saccharomyces cerevisiae</i> ," Gene 172:169-170 | |
| | C190 | MCGALL et al., 1996, "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists," Proc. Natl. Acad. Sci. 93:13555-13560 | |
| | C191 | MEGONIGAL et al., 2000, "Panhandle PCR for cDNA: A rapid method for isolation of MLL fusion transcripts involving unknown partner gene," 97(17):9597-9602 | |
| | C192 | MIKI et al., 2001, "Delineating developmental and metabolic pathways in vivo by expression profiling using the RIKEN set of 18, 816 full-length enriched mouse cDNA arrays," Proc. Natl. Acad. Sci. 98(5):2199-2204 | |
| | C193 | MIRONOV et al., 1999, "Frequent alternative splicing of human genes," Genome Res. 9(12):1288-1293 | |
| | C194 | MIYOSHI et al., 1995, "Alternative splicing and genomic structure of the AML1 gene involved in acute myeloid leukemia," Nucl. Acids Res. 23:2762-2769 | |
| | C195 | MODREK & LEE, 2002, "A genomic view of alternative splicing," Nat. Genet 30:13-19 | |
| | C196 | MORGAN et al., 1988, "Analysis of intracellular protein function by antibody injection," Immunol. Today 9:84-86 | |
| | C197 | MORRISON et al., 1984, "Chimeric human antibody molecules: mouse antigen-binding domains with human constant region domains," Proc. Natl. Acad. Sci. 81:6851-6855 | |
| | C198 | MOTTES et al., 1995, "Tissue-specific alternative splicing of hybrid Shaker/lacZ genes correlates with kinetic differences in Shaker K ⁺ currents in vivo," Neuron 14: 613-623 | |
| | C199 | MUMBERG et al., 1994, "Regulatable promoters of <i>Saccharomyces cerevisiae</i> : comparison of transcriptional activity and their use for heterologous expression," Nucl. Acids Res. 22:5767-5768 | |
| | C200 | NEUBERGER et al., 1984, "Recombinant antibodies possessing novel effector functions," Nature 312:604-608 | |
| | C201 | NO et al., 1996, "Ecdysone-inducible gene expression in mammalian cells and transgenic mice," Proc. Natl. | |

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NYI-4099222v3

DATE CONSIDERED

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|-------------------|------|---|---|
| | | Acad. Sci. 93(8):3346-3351 | |
| | C202 | NOCKA et al., 1990, "Molecular bases of dominant negative and loss of function mutations at the murine c-kit/white spotting locus: W37, Wv, W41 and W," EMBO J. 9:1805-1813 | |
| | C203 | OKADA et al., 1994, "Isolation of human nm23 genomes and analysis of loss of heterozygosity in primary colorectal carcinomas using a specific genomic probe," Cancer Res. 54: 3979-3982 | |
| | C204 | PAULUS et al., 1996, "Self-contained, tetracycline-regulated retroviral vector system for gene delivery to mammalian cells," J. Virol. 70:62-67 | |
| | C205 | PERLMUTTER & ALBEROLA, 1996, "The use of dominant-negative mutations to elucidate signal transduction pathways in lymphocytes," Curr. Opin. Immunol. 8:285-290 | |
| | C206 | PETCHERSKI & KIMBLE, 2000, "LAG-3 is a putative transcriptional activator in the C. elegans Notch pathway," Nature 405:364-368 | |
| | C207 | PETTITT et al., 1996, "cdh-3, a gene encoding a member of the cadherin superfamily, functions in epithelial cell morphogenesis in Caenorhabditis elegans," Development 122:4149-4157 | |
| | C208 | PRESS et al., 1992, "Solution of Linear Algebraic Equations," in <u>Numerical Recipes in C</u> (Cambridge University Press), Chapter 2 | |
| | C209 | RAMIREZ-SOLIS et al., 1993, "Gene targeting in embryonic stem cells," Meth. Enzymol. 225:855-878 | |
| | C210 | RAY et al., 1997, "AIM1, a novel non-lens member of the betagamma-crystallin superfamily, is associated with the control of tumorigenicity in human malignant melanoma," Proc. Natl. Acad. Sci. 94:3229-3234 | |
| | C211 | ROBINSON et al., 1997, "Quantification of alternatively spliced RUSH mRNA isoforms by QRT-PCR and IP-RP-HPLC analysis: a new approach to measuring regulated splicing efficiency," Gene 198:1-4 | |
| | C212 | SAEGUSA & OKAYASU, 1998, "Up-regulation of CD44 variant exon expression in endometrial carcinomas: analysis of mRNA and protein isoforms, and relation to clinicopathological factors," Jpn. J. Cancer Res. 89:291-298 | |
| | C213 | SANTA LUCIA, 1998, "A unified view of polymer, dumbbell, and oligonucleotide DNA nearest-neighbor thermodynamics," Proc. Natl. Acad. Sci. 95:1460-1465 | |
| | C214 | SARIN et al., 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates," Proc. Natl. Acad. Sci. 85:7448-7451 | |
| | C215 | SARVER et al., 1990, "Ribozymes as potential anti-HIV-1 therapeutic agents," Science 247:1222-1225 | |
| | C216 | SCHULER et al., 1996, "A gene map of the human genome," Science 274:540-546 | |
| | C217 | SCHULER, 1997, "Pieces of the puzzle: expressed sequence tags and the catalog of human genes," J. Mol. Med. 75:694-698 | |
| | C218 | SHIMIZU et al., 1992, "A gene coding for a zinc finger protein is induced during 12-O-tetradecanoylphorbol-13-acetate-stimulated HL-60 cell differentiation," J. Biochem. 111:272-277 | |
| | C219 | SHIRVAN et al., 1994, "Divergent structure of the human synexin (annexin VII) gene and assignment to chromosome 10," Biochemistry, 33:6888-6901 | |
| | C220 | SHOEMAKER et al., 2001, "Experimental annotation of the human genome using microarray technology," Nature 409:922-927 | |
| | C221 | SOUTHERN et al., 1992, "Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: evaluation using experimental models," Genomics 13:1008-1017 | |
| | C222 | SOUTHERN et al., 1994, "Arrays of complementary oligonucleotides for analysing the hybridisation behaviour of nucleic acids," Nucl. Acids. Res. 22:1368-1373 | |
| | C223 | SPENCER, 1996, "Creating conditional mutations in mammals," Trends Gen. 12:181-187 | |

EXAMINER
NY1-4099222v3

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|--|----------------------------------|-------------------------------|
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| | APPLICANT Shoemaker et al. | |
| | FILING DATE March 29, 2004 | ART UNIT 1637 |

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|-------------------|------|---|---|
| | C224 | SPRADLING et al., 1995, "Gene disruptions using P transposable elements: an integral component of the Drosophila genome project," Proc. Natl. Acad. Sci. 92:10824-10830 | |
| | C225 | STEIN et al., 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides," Nucl. Acids Res. 16:3209-3221 | |
| | C226 | STRAUS & WEISS, 1992, "Genetic evidence for the involvement of the lck tyrosine kinase in signal transduction through the T cell antigen receptor," Cell 70:585-593 | |
| | C227 | TABARA et al., 1999, "The rde-1 gene, RNA interference, and transposon silencing in C. elegans," Cell 99:123-132 | |
| | C228 | TAKEDA et al., 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences," Nature 314:452-454 | |
| | C229 | THOMAS & CAPECCHI, 1987, "Site-directed mutagenesis by gene targeting in mouse embryo-derived stem cells," Cell 51:503-512 | |
| | C230 | TIJESSEN, 1993, <u>Hybridization with Nucleic Acid Probes</u> , Elsevier Science Publishers | |
| | C231 | VAN DER KROL et al., 1988, "Modulation of eukaryotic gene expression by complementary RNA or DNA sequences," BioTechniques 6:958-976 | |
| | C232 | WAGNER et al., 1981, "Nucleotide sequence of the thymidine kinase gene of herpes simplex virus type," Proc. Natl. Acad. Sci. 78:1441-1445 | |
| | C233 | WANG et al., 2000, "Description of a simple test for CADASIL disease and determination of mutation frequencies in sporadic ischaemic stroke and dementia patients," J. Neurol. Neurosurg. & Psych. 69:652-654 | |
| | C234 | WEISSENSTEINER, 1998, "Prostate cancer cells show a nearly 100-fold increase in the expression of the longer of two alternatively spliced mRNAs of the prostate-specific membrane antigen (PSM)," Nucl. Acids Res. 26: 687 | |
| | C235 | WILFINGER et al., 1997, "PCR-based method for isolation of Full-length Clones and Splice Variants from cDNA Libraries," Biotechniques 22(3):481-486 | |
| | C236 | WILSON, et al., 1997, "Differential subcellular localization, expression and biological toxicity of BRCA1 and the splice variant BRCA1-delta1b," Oncogene 14:1-16 | |
| | C237 | WOLFSBERG & LANDSMAN, 1997, "A comparison of expressed sequence tags (ESTs) to human genomic sequences," Nucl. Acids Res. 25:1626-1632 | |
| | C238 | Written Opinion of International Application PCT/US01/26274, dated May 20, 2003 | |
| | C239 | WWW.NCBI.NLM.NIH.GOV Genbank Accession D43968. Human AML1 mRNA for AML1b protein (alternatively spliced product), complete cds (Printed on 9/1/2000) | |
| | C240 | WWW.NCBI.NLM.NIH.GOV Genbank Accession M62829. Human transcription factor ETR103 mRNA, complete cds (Printed on 9/1/2000) | |
| | C241 | WWW.NCBI.NLM.NIH.GOV Genbank Accession U18778. Saccharomyces cerevisiae chromosome V cosmid 9537, 9581, 9495, 9867, and lambda clone 5898 (Printed on 9/1/2000) | |
| | C242 | WWW.NCBI.NLM.NIH.GOV Genbank Accession U83115. Human non-lens beta gamma-crystallin like protein (AIM1) mRNA, partial cds. (Printed on 9/1/2000) | |
| | C243 | XUESHAN et al., 2000, "Evaluation of the red and green pigments in patients with cone dystrophy and Leber congenital amaurosis," Chinese Ophthalmic Research 18:490-492 | |
| | C244 | YAMAMOTO et al., 1980, "Identification of a functional promoter in the long terminal repeat of Rous sarcoma virus," Cell 22:787-797 | |
| | C245 | ZAMORE et al., 2000, "RNAi: double-stranded RNA directs the ATP-dependent cleavage of mRNA at 21 to 23 nucleotide intervals," Cell 101:25-33 | |

EXAMINER
NYI-4099222v3

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|----------------------|------|---|---|
| | C246 | ZHANG & MADDEN, 1997, "PowerBLAST: a new network BLAST application for interactive or automated sequence analysis and annotation," Genome Res. 7:649-656 | |
| | C247 | ZHANG et al., 2000, "Correlation of gene structure and psychophysical measurement in red-green color vision deficiency in Chinese," Jpn. J. Ophthalm. 44:596-600 | |
| | C248 | ZON, 1988, "Oligonucleotide analogues as potential chemotherapeutic agents," Pharm. Res. 5:539-549 | |

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|---|------------------------|
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